

CLAIMS

What is claimed to be new and desired to be protected by Letters Patent is set forth in the appended claims.

I claim:

1. A portable planer for a single use support stand, comprising:
 - a) a portable planer disposed on a carriage, said carriage having front and rear opposing ends, a pair of opposing sides, a top and a bottom, a plurality of wheels disposed on said bottom of said carriage to permit the planer to roll on the wheels;
 - b) a pair of rails for receiving said wheels so that said planer can roll on said rails, said rails being parallel to each other, spaced apart, and substantially horizontal, said rails having first and second opposing ends to permit the planer to move from one end to the other end, said rails having a top and bottom;
 - c) a support for said rails to permit the planer to be disposed at an elevation above the ground;
 - d) means for attaching said rails to said support whereby the pair of rails are secured to the support; and,
 - e) a work piece support disposed between said rails adjacent said bottom of said planer to permit a work piece to be placed on the work piece support so that the

work piece can be contacted by the planer.

2. The portable planer of Claim 1, wherein said support for said rails further comprises horizontal and vertical support members connected to each other by a plurality of braces and nailers.

3. The portable planer of Claim 2, further comprising a plurality of downwardly extending posts each having a first end secured to said bottom of said rails wherein said second end of each said post extends through said horizontal support member, said second end of each said post further comprising a fastener for securing said second end to said horizontal support member.

4. The portable planer of Claim 3, further comprising threads being disposed on said second end of each said post, said threads for receiving a mating nut to permit the second end of the post to be secured to the horizontal support member.

5. The portable planer of Claim 4, wherein said first end of each said post is welded to said bottom of said rails.

6. The portable planer of Claim 5, further comprising at least one shim being disposed between said first end of each said post and said horizontal support member to permit the rails to be leveled.

7. The portable planer of Claim 6, further comprising a first planer blade being disposed on said planer, said first planer blade having a straight cutting edge for cutting a work piece.

8. The portable planer of Claim 7, further comprising a second planer blade being disposed on said planer, said second planer blade having a curved blade for use with said first planer blade having said straight cutting edge for forming a product having a "D" shaped cross section.

9. The portable planer of Claim 8, further comprising a height adjustment for said blades to permit the height of the blades with respect to the work piece to be varied.

10. The portable planer of Claim 9, further comprising a safety cover being disposed over said blades.

11. The portable planer of Claim 10, wherein said safety cover is hinged to permit access to the blades of the planer.

12. The portable planer of Claim 11, further comprising a handle being disposed on said planer to permit a user to manually move the planer along the rails.

13. The portable planer of Claim 12, further comprising a gasoline motor being disposed on said planer to power the blades of the planer.

14. The portable planer of Claim 13, further comprising a pulley and belt drive for connecting said motor to said blades to permit the blades to be turned by the motor.

15. The portable planer of Claim 14, further comprising a pulley cover being disposed on said pulley and belt drive.

16. The portable planer of Claim 15, further comprising a plurality of rail connectors for connecting said ends of said rails to each other to permit sections of rails to be formed.

17. The portable planer of Claim 16, further comprising at least one rail stop being disposed on said end of said rails to permit the planer to be stopped at the end of the rails.